Y., 26th; Bellefontaine, O., 3rd; Cincinnati, 10th; Ringgold, O., 10th; North Lewisburg, O., 5th, 27th; Norwalk, O., 5th; Herman, Mo., 14th, severe hail storm, course from W. to E., about a mile in width, destroying three-fourths of the crops, uprooting trees, and blowing over a large log barn, stones 1½ inch in diameter fell, some vineyards entirely destroyed; 7th, the hail storm throughout northeastern and central Ohio was more severe than ever known in Delaware county, a perfect torrent of hail, breaking windows and doing other damages, hail was as large as hens eggs; 6th, New Market, Frederick Co., Md., "this neighborhood has again been visited by a most disastrous hail-storm, commencing this afternoon about 1½ o'clock. The wheat crop, in a belt at least half a mile in width and extending four or five miles in length, is nearly all destroyed."

Snow from Cloudless Sky.—Summit, Col., 16th.

Snow fell as follows: Winnemucca, Nev., 16th, heavy. Pike's Peak, 1st, 2nd, 13th, 14th, 15th, 16th, 27th and 28th. Fort Douglass, Utah, 7th, on Wasatch and Ogwoh ranges this a.m. Summit Station, Central Pacific R. R., 14th and 16th.

Depth of Snow on Ground at end of Month.—Pikes Peak, Col., the old snow is melting rapidly and the trail is open for horses to within 100 yards of the station.

Drought.—Summit, Col., 14th, first rainfall of 1879. Gulf Hammock, Fla., 30th, still suffering for rain; ground parceed; corn crop injured very much. Forsyth, Ga., 30th, water-courses very low; springs and wells failing; corn and cotton seriously damaged by drought. Thomasville, Ga., 30th, corn injured by drought. Okalooska, La., 30th, corn crop seriously injured by drought. Fallston, Md., 30th, gardens and crops suffering from drought. Emory Grove, Md., no rain during month. Northport, Mich., month very dry, injuring vegetation. Brookhaven, Miss., 26th, very dry; corn suffering. Fayette, Miss., 30th, early corn injured by drought. Fayetteville, N. C., 30th, everything suffering, and in many places vegetables and plants dying. Ringgold, Ohio, 30th, potatoes injured by drought. North Lewisburg, Ohio, very dry month. Chambersburg, Pa., 30th, oats and hay injured by drought. Clarksville, Tex., no rain from May 5th to June 15th; corn and oats suffered considerably. Melissa, Tex., 14th, long drought of six weeks, doing much damage to crops. Coalville, Utah, no rain during month; 6th, "terribly drying wind giving us notice of no crops this year; dust everywhere." Ft. Gibson, Ind. Ter., 19th, drought, vegetation checked, wells drying up. Chattanooga, Tenn., 1st, much damage done to garden products by drought. Augusta, Ga., 25th, "drought is beginning to tell fearfully on crops, especially corn, cotton and fruit; water melon vines drying by the acre—crop reported ruined." Sloop Point, N. C., 16th, drought continues. very severe. Graham, Tex., 8th, corn suffering greatly; 17th, corn crop an entire failure. Corsicana, Tex., 25th, farmers report very dry weather in adjoining counties; stock suffering. Portsmouth, N. C., 12th, 20th, water for stock very scarce. Kanab, Utah, 3rd to 19th; cattle dying; very dusty.

Floods.—New Corydon, Ind., 11th, violent rain; low lands flooded.

RELATIVE HUMIDITY.

The average percentages of Relative Humidity for the month ranges as follows: New England, 68 to 84; Middle Atlantic States, 60 to 79; Scuth Atlantic States, 56 to 75; Eastern Gulf States, 71 to 76; Western Gulf States, 60 to 72; Ohio valley and Tennessee, 55 to 69; Lower Lakes, 54 to 72; Upper Lakes, 63 to 71; Upper Mississippi valley, 62 to 71; Lower Missouri valley, 65 to 67; Red River of the North valley, 68 to 73; Eastern Slope, 49 to 68; Western Plateau, 21 to 50; California, 30 to 72. High stations report the following averages, not corrected for altitude: Cheyenne, 33; Mt. Washington, 88; Denver, 38.5; Pike's Peak, 48; Santa Fé, 20.5; Virginia City, 48.

WINDS.

The prevailing winds, at the Signal Corps stations, are shown by the arrows flying with the wind on chart No. II. The maximum velocities per hour have been given in the descriptions of movements of areas of low pressure. On Mt. Washington the highest velocity, 120 miles, was recorded from the SW. on the 4th and also from the NW. on the 6th. The seven daily observations give the following results as to direction during the month: N., 18 times; NW., 92; W., 45; SW., 32; S., 15; SE., 5; E., 1; NE., 0; calm, 2

Total Movements of the Air.—The following are the largest monthly movements of the air recorded at the Signal Corps stations: North Platte, 12,786; Cape Lookout, 11,777; Portsmouth, N. C., 11,422; Dodge City, 11,319; Pike's Peak, 10,955; Kittyhawk, 10,577; Breckenridge, 10,297; Cape Hatteras, 10,293; Wood's Holl, 9,270; Umatilla, 8,919; Fort Sill, 8,753; San Francisco, 8,038. The smallest are: Florence, Ariz., 2,212; Nashville, 2,278; Silver City, N. M., 2,389; Tucson, 2,520; Lynchburg, 2,525; Visalia, 2,676; Roseburg, 2,836; Uvalde, Tex., 2,947 Indianapolis, 3,077.

Local Storms.—Salt Lake City, 6th, severe wind storm; three cars blown from track of Western Utah Railway. Violent storm in Dubuque, Ia., night of 9th; anemometer registered 60 miles when electric circuit was broken; estimated velocity, 80 miles; great damage to property; over 20 buildings uproofed. Cloud burst on Beaver Creek, near Buffalo Gap station, 92 miles south of Deadwood, Dakota, on the 12th, drown-